

FIG. 1

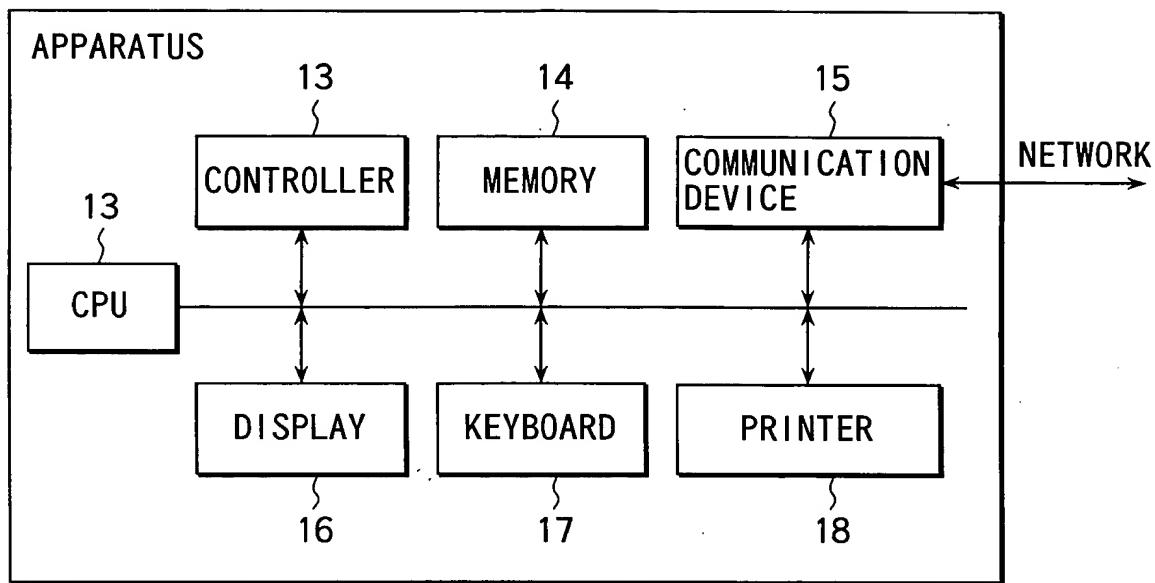


FIG.2

PROCEDURE FOR REGISTERING
KEY RECOVERY AGENT IN
CERTIFICATE AUTHORITY

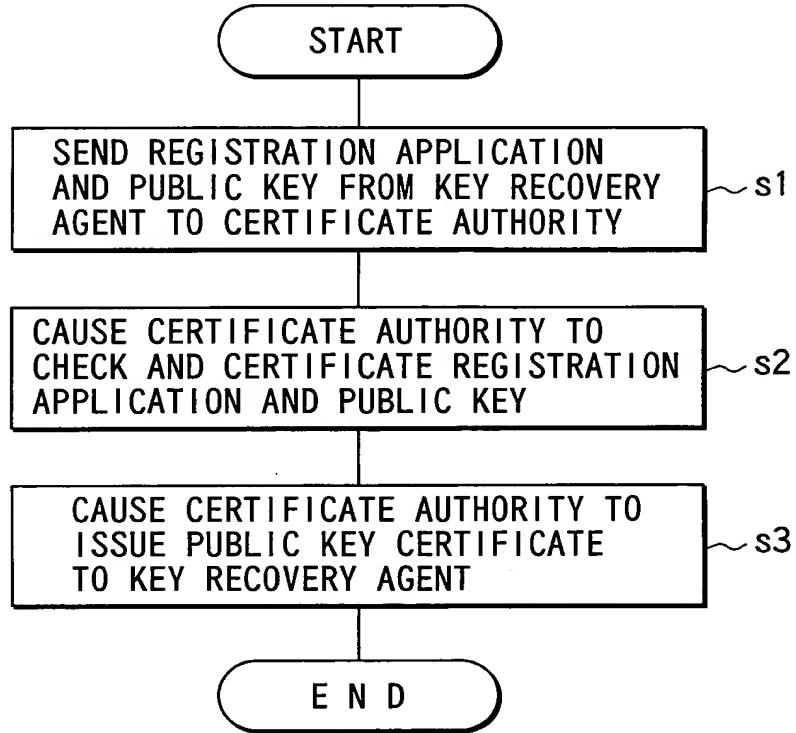
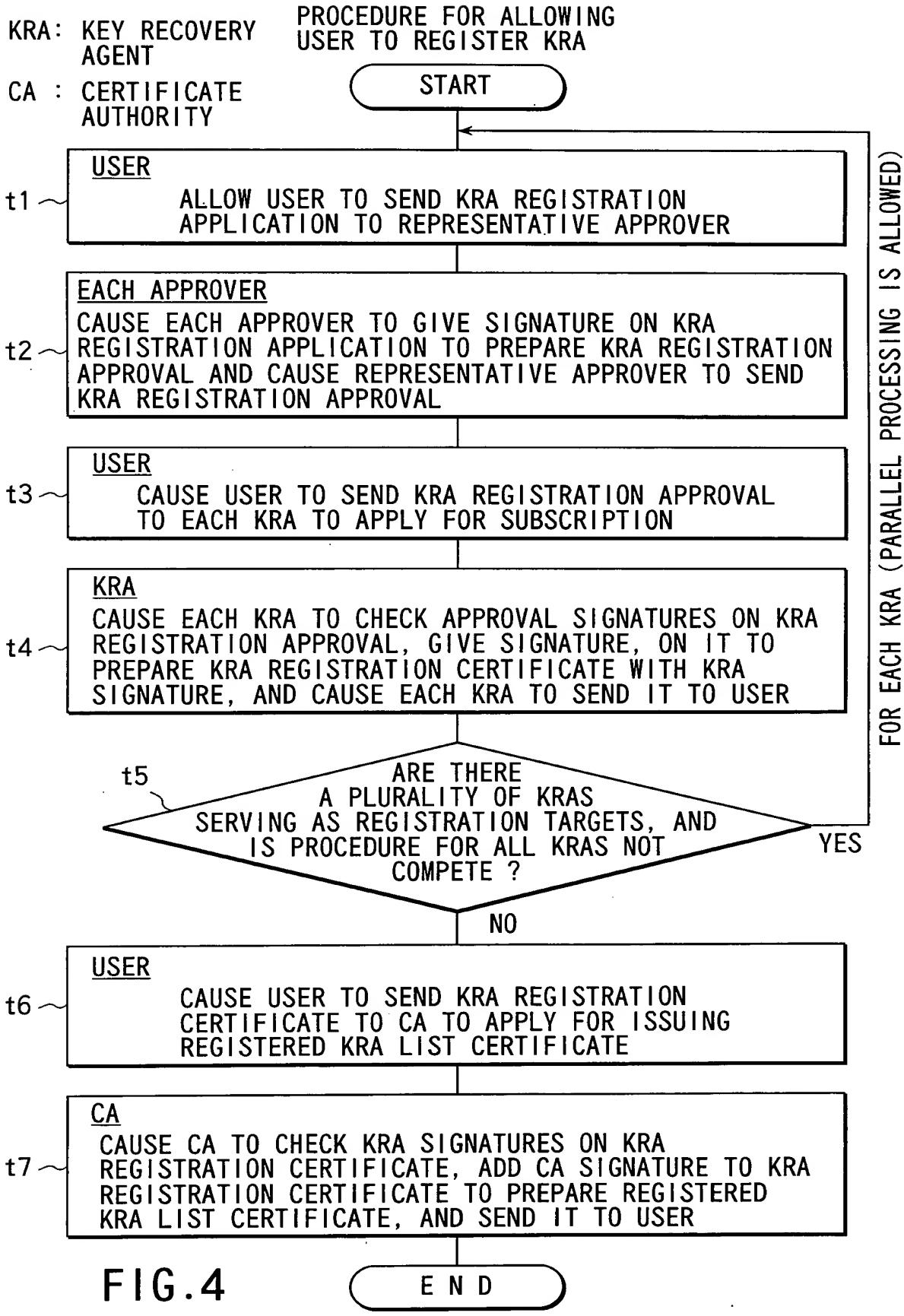


FIG.3



REGISTERED INFORMATION TABLE 21

ID OF USER, APPROVER, AND KEY RECOVERY AGENT	PUBLIC KEY WITH SIGNATURE OF CERTIFICATE AUTHORITY	AGENT LIST REGISTERED BY USER
USER #1 USER #2	○○○○ X X X X	A, B, C, B, D, G, H
APPROVER α APPROVER β	△△△△ □□□□	NONE NONE
AGENT A AGENT B	* * * * ▽▽▽▽	NONE NONE

FIG.5

RECEPTION/TRANSMISSION OF CIPHER MESSAGE

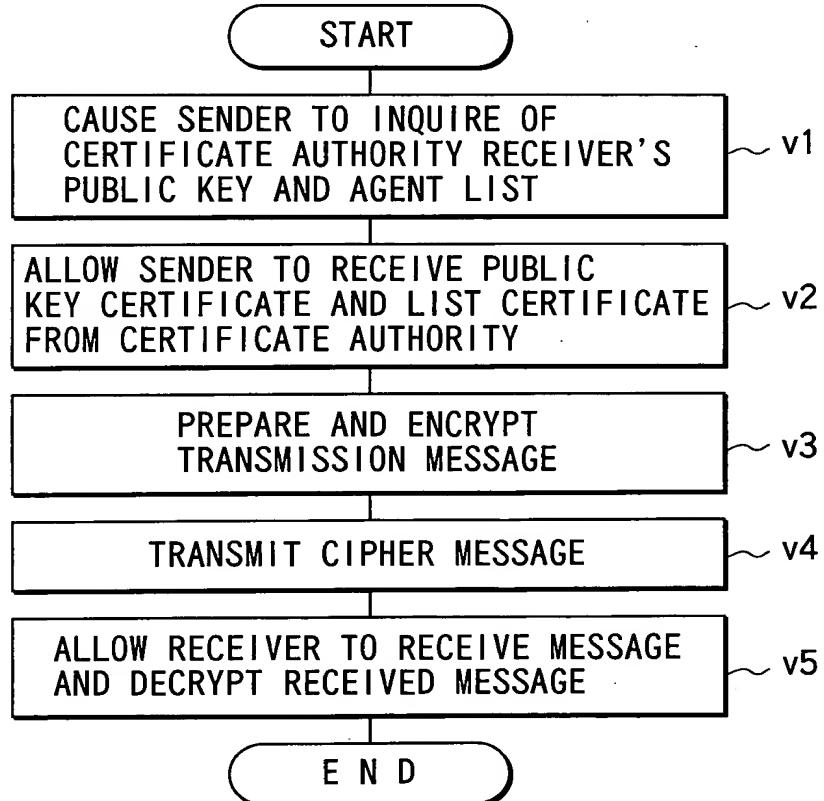


FIG.6

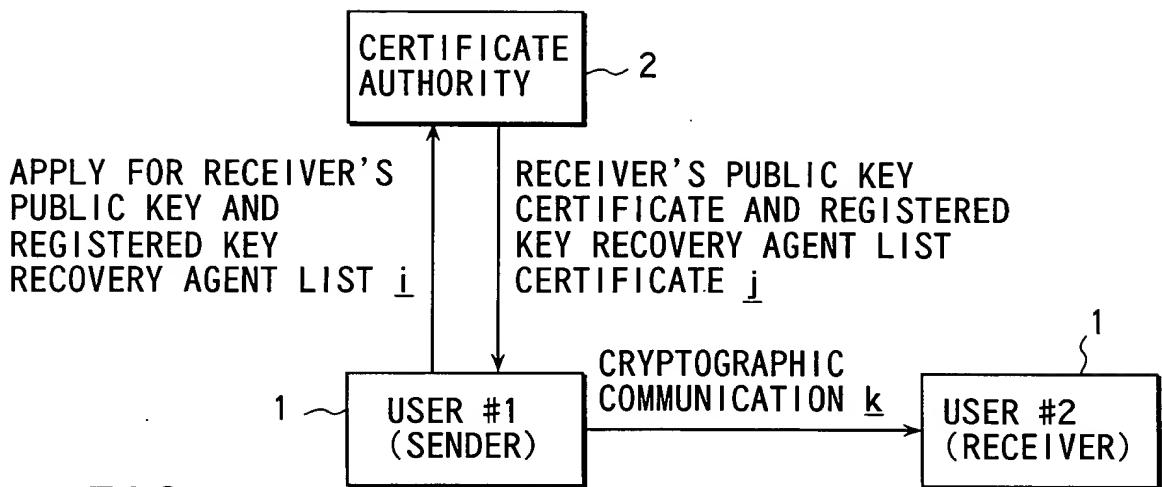


FIG.7

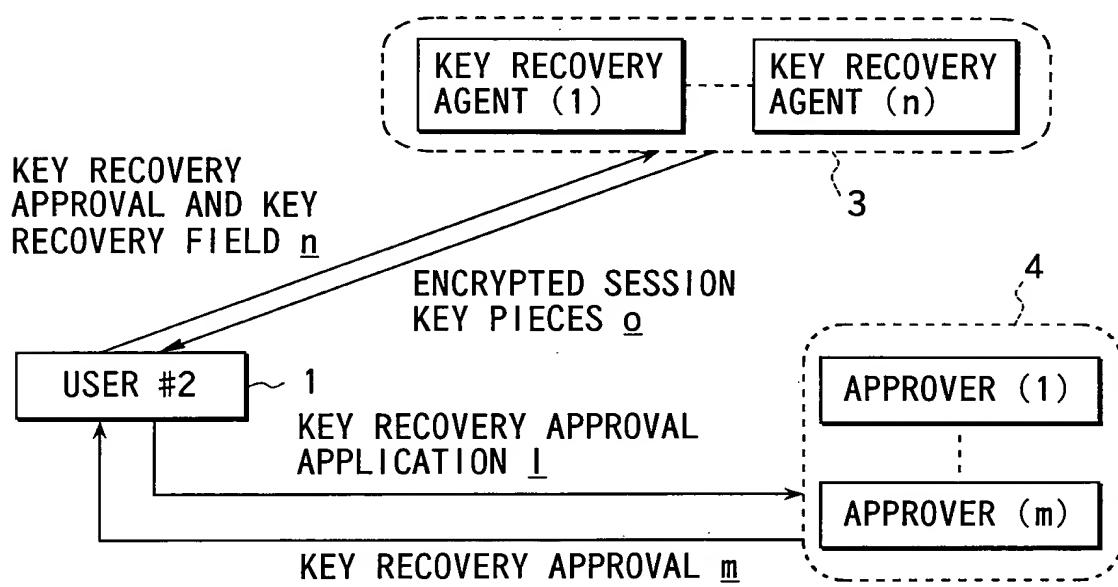


FIG.10

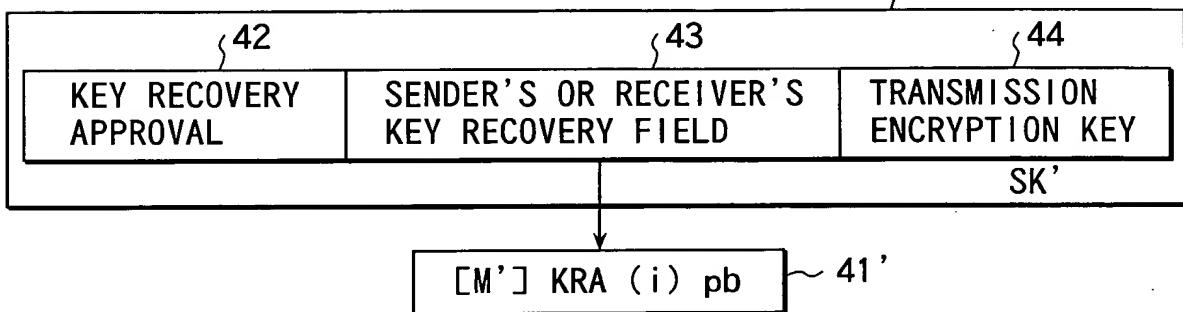


FIG.11

CIPHER MESSAGE 31

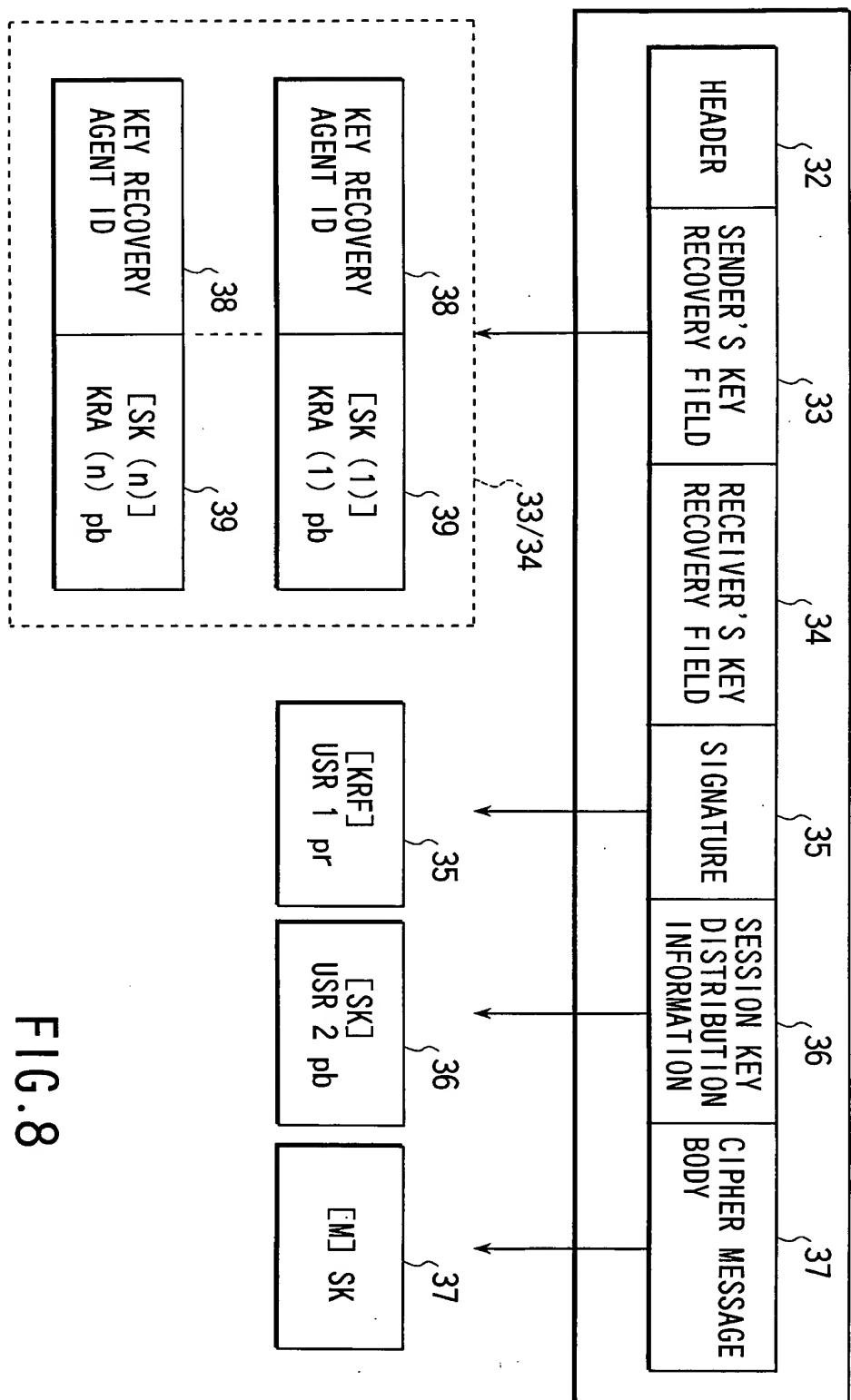


FIG.8

PROCEDURE FOR KEY RECOVERY BY SENDER OR RECEIVER

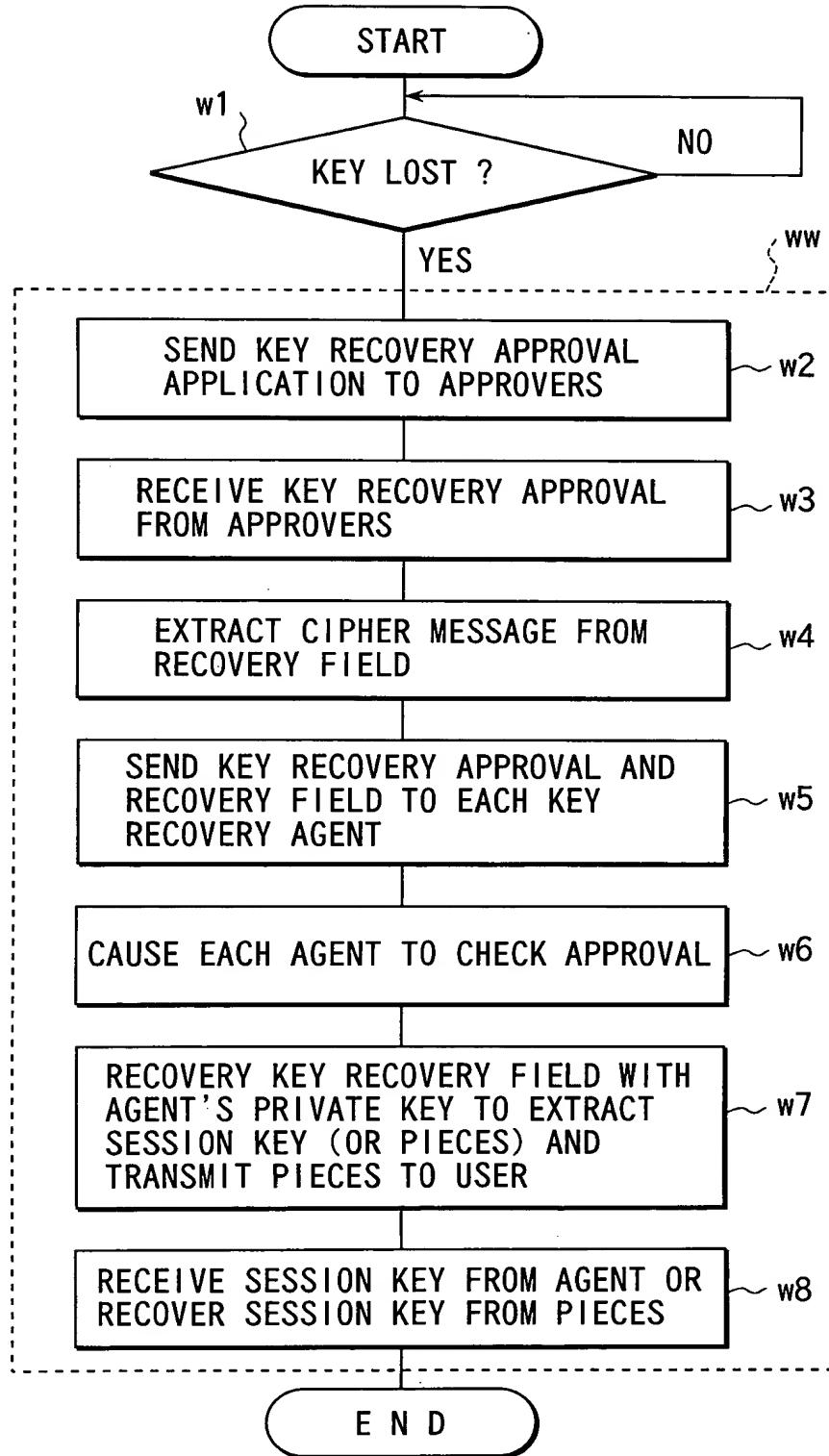


FIG.9

PROCEDURE FOR RECOVERING KEY BY THIRD PARTY

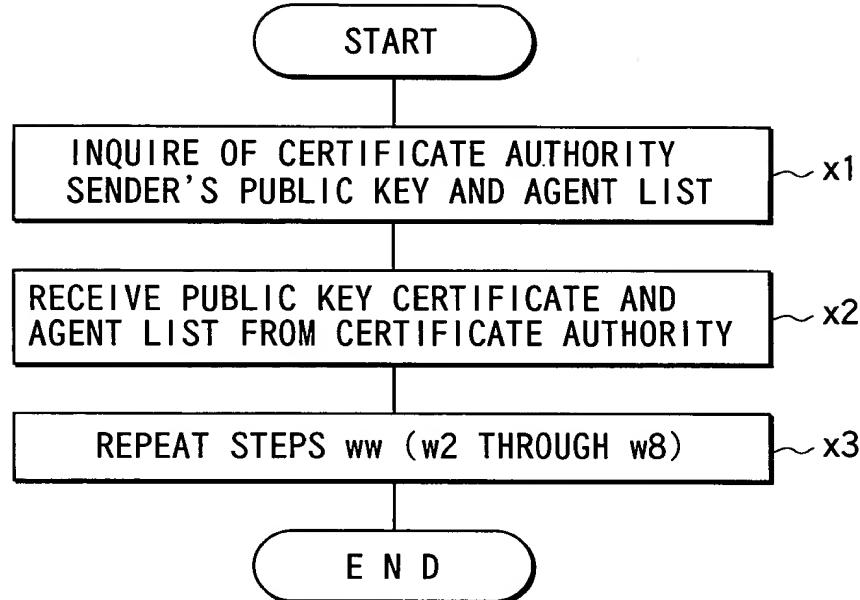


FIG.12

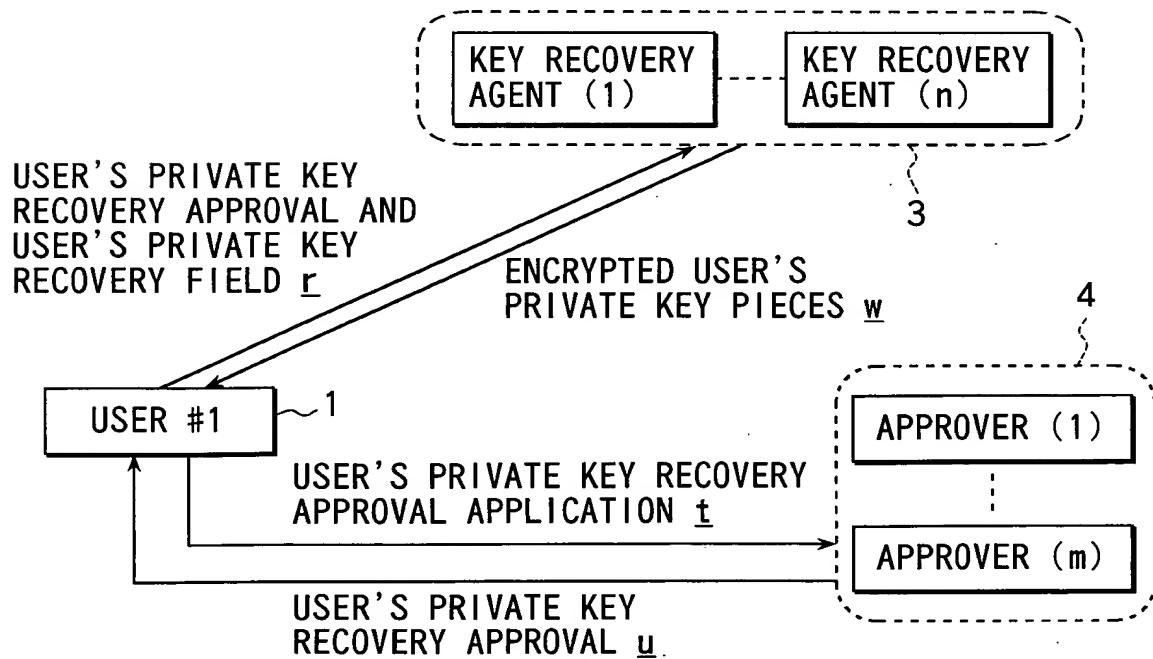


FIG.13